G Series Active Rack Mounting System

Sturdy metal racking kit finished in matte black

Allows rack mounting of all G Series components with optimum inter-unit spacing

Dual ultra-low-noise, thermally-activated fans keep rack interior and component cool

Provides front-panel access to RS232, USB and audio/ video interfaces

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Meridian's G Series *line of high performance digital & analogue consumer audio components feature a stylish cabinet design in traditional black or a sleek silver finish.*

Designed to be either free-standing or rack-mounted, G Series components build on their predecessors, the multi-award-winning 500 and our flagship 800 Series, and include entirely new circuitry developed specifically for the G Series.

Multi-layer boards reduce system noise and improve performance. In products which include video capabilities, broadcast-quality, wide-bandwidth video components are employed for maximum image integrity.

G Series units are easy to use. Where appropriate, a knob is included to control volume. The positive-action front-panel keys are software-defined: their legends are presented in the vacuum fluorescent display and change intelligently according to context.

Full installation configuration of many G Series components is achieved by running a special setup program on a Windows computer, connected to the G Series unit via a serial link, or direct from the front panel.

G Series products also include serial ports for remote operation and configuration, along with infra-red sensor input and trigger capabilities, plus Meridian communications ports. A comprehensive back-lit learning/programmable remote is included with products other than amplifiers.

The G Series rack mounting system is designed to allow all G Series components to be installed in a standard 19in rack. It also optionally allows serial control and audio/video connections to the component to be brought out to the front panel for configuration and for interfacing devices such as camcorders.

A single mounting kit is supplied, with two fascia panels, one for standard height products and the other for the taller products such as the G68 processor and G57 power amplifier. With a standard-sized product, the unit occupies 3 rack units in height (5.25 in) while with a higher-profile unit installed it occupies a 4U (7 in) space.

The sturdy matte-black-coated steel chassis is specially designed to safely support even heavier products such as power amplifiers.

The chassis tray includes two ultra-quiet intake fans, each 15mm thick and similar to those used on Meridian's flagship 800 Reference Series components. They are positioned directly under corresponding vents on the base of the components. The fans feature 12v DC operation and are powered by the fan output jack on G Series units likely to require them. The fans are controlled by a thermal sensing circuit and are only engaged when necessary.

Installation is designed to be simple and easy. In the event that the front panel is to be used for access to rear-panel connections, extension cables (not supplied) are attached to internal connectors in the tray to run to the component's

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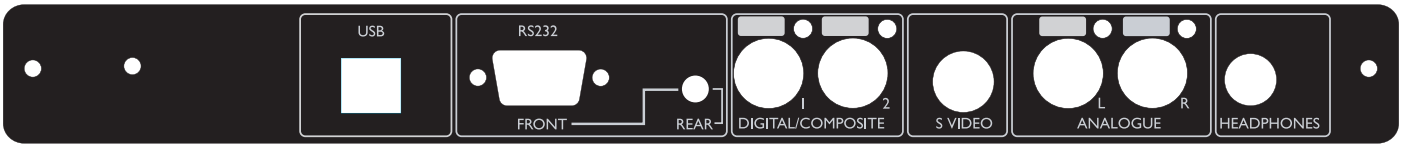


Front panel of the rack mount kit showing USB and RS232 interfaces, two RCA connectors that can be connected to either digital audio or composite video signals, S-Video, two analogue audio phono connectors and a 1/4 in headphone out. The panel is covered by the fascia when not in use.

Specifications

Construction: Mild steel finished in matte black

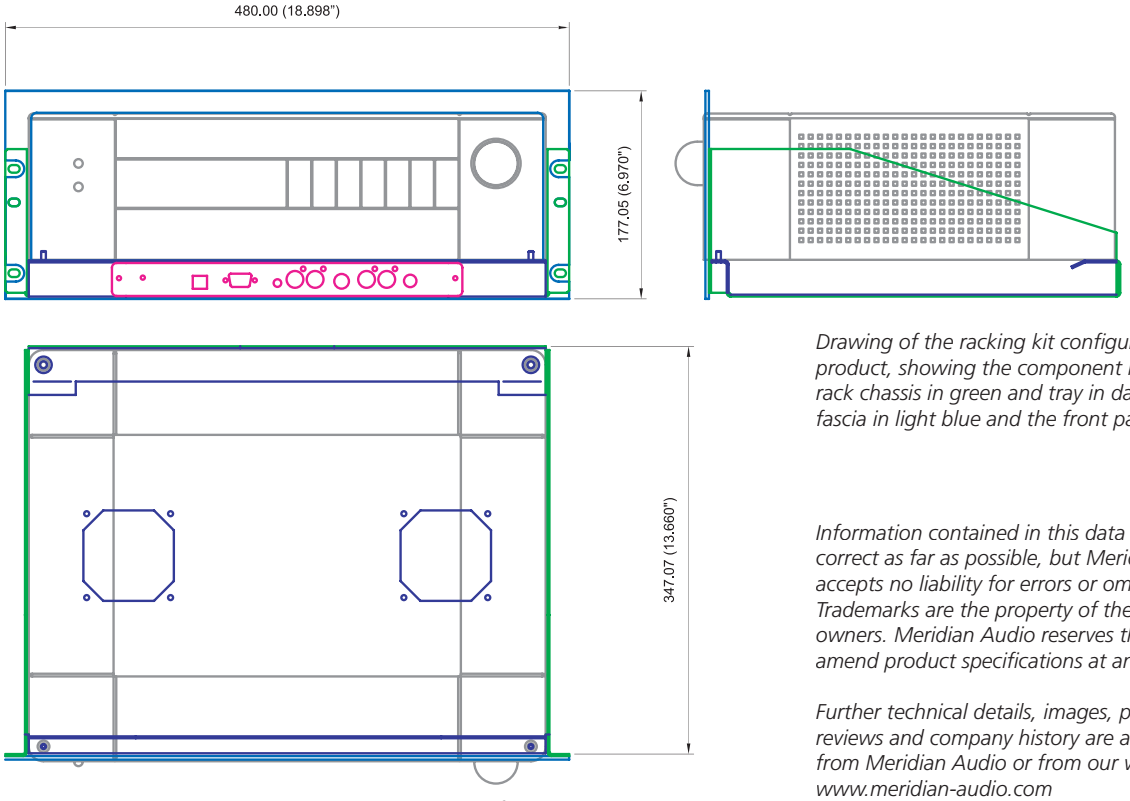
Dimensions: Width: 480 mm (19 in); Depth: 347 mm (13.7 in); Height: With tall fascia: 177mm (7 in, 4U). With standard fascia: 133.5mm (5.25in, 3U)

Connectors: USB and RS232 DB9 connector, the latter with front/rear switch. 2 x RCA phono connectors with labelling strip, for S/PDIF coax or composite video interfaces. S-Video mini-DIN connector. 2 x RCA phono connectors with labelling strip, for two channels of analogue audio. Stereo A-type 1/4in headphone socket. All audio/video connectors gold-plated

Weight: ?? kg (?? lbs)

Controls: Front-panel soft keys include Play, Stop, Pause, Previous, Next, etc. Buttons for On/Off, Open, Display. Full remote control of all features via MSR+. Meridian Comms (2 x DIN 240° and BNC), IR in and RS232

Power: 12v DC (for fans), supplied by output on rear panel of installed component, where provided.



Drawing of the racking kit configured for a tall product, showing the component in grey, the rack chassis in green and tray in dark blue, the fascia in light blue and the front panel in purple.

rear panel after installation. Typically, the chassis tray will first be installed in the rack, with four bolts. The feet are then removed from the component and it is presented to the rack tray, sliding the unit back into place.

The rear of the product slides up two ramps at the rear of the chassis, and the front locates on two pins which engage holes in the underside.

Two optional screws may then be inserted through holes in the rear underside of the chassis to lock the unit in place. These screws will not normally be required, but can be fitted if desired for additional safety, for example on board a marine vessel or aircraft, or in regions of known geological instability.

Once the unit has been installed as described above, the extension cables are connected to the desired receptacles on the rear panel of the component and the fan power is connected to the output on the rear of the component.

Provision is made for USB and RS232 connection for configuration and remote control, and a switch is provided on the front panel to select between front and rear RS232 connectors – for example the front panel connector may be used for initial system configuration and then the rear connector switched in for integration with an external serial control network.

Two RCA phono sockets are provided for connection of composite video or digital audio (S/PDIF coax) and two more for two channels of analogue audio – all of which have a writing strip for labelling of the socket function. An S-Video mini-DIN is also provided, along with a standard 1/4 in stereo headphone output jack. All audio/video connectors are gold-plated.

After installation, a fascia panel may be installed. This covers the socket panel when not in use, for a neat, uncluttered appearance. Two fascia panels are provided, one for standard and the other for the taller products.

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